EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	server.clm. and client.clm. and "data formats".clm. and stor$3.clm. and cop$3.clm. and validat$4.clm. and user$1.clm. and interface.clm. and access.clm. and request.clm. and pointer.clm. and "updated copy".clm. and source.clm.	USPAT	OR	OFF	2006/03/02 19:38
L2	0	server$1 and client$1 and "data formats" and stor$3 and cop$3 and validat$4 and user$1 and interface and access and request and pointer and "updated copy" and source	USPAT	OR	OFF	2006/03/02 19:40
L3	0	server$1 and client$1 and "data format" and stor$3 and cop$3 and validat$4 and user$1 and interface and access and request and pointer and "updated copy" and source	USPAT	OR	OFF	2006/03/02 19:40
L4	12	server$1 and client$1 and stor$3 and cop$3 and validat$4 and user$1 and interface and access and request and pointer and "updated copy" and source	USPAT	OR	OFF	2006/03/02 19:40
L5	22	server$1 and client$1 and stor$3 and cop$3 and validat$4 and user$1 and interface and access and request and pointer and "updated copy" and source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:40
L6	1	726/31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:41
L7	14329	713/201 or 726/26 or 713/193 or 713/187 or 380/200 or 380/202 or 705/18 or 705/57 or 705/58 or 399/366 or 455/26.1 or 700/225 or 700/227 or 711/163 or 711/164 or 327/545 or 327/546 or 714/763	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:46

EAST Search History

L8	14329	7 or 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:46
L9	1	8 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:47
L10	0	"bate.inv" and mattew	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:47
L11	0	"bate.inv" and matthew	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:48
L12	2	connelly.inv. and joanna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:48
L13	467	bate.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:48
L14	2	13 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 19:48

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1 The state of the art in distributed query processing

Donald Kossmann
December 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 4

Publisher: ACM Press

Full text available: 📄 pdf(455.39 KB)   Additional Information: full citation, abstract, references, citings, inc

> Distributed data processing is becoming a reality. Businesses want to do it for many reasons, ai
> order to stay competitive. While much of the infrastructure for distributed data processing is alr
> network technology), a number of issues make distributed data processing still a complex unde
> systems can become very large, involving thousands of heterogeneous sites including PCs and ɪ
> machines; (2) the stat ...
>
> **Keywords:** caching, client-server databases, database application systems, dissemination-base
> economic models for query processing, middleware, multitier architectures, query execution, qʋ
> replication, wrappers

2 Tools: The Georgia Tech Network Simulator

George F. Riley
August 2003   **Proceedings of the ACM SIGCOMM workshop on Models, methods and tools f
network research**

Publisher: ACM Press

Full text available: 📄 pdf(115.27 KB)   Additional Information: full citation, abstract, references, citings, inc

> We introduce a new network simulation environment, developed by our research group, called t
> *Simulator (GTNetS)*. Our simulator is designed specifically to allow much larger-scale simulatior
> created by existing network simulation tools. The design of the simulator very closely matches t
> protocol stacks and hardware. Thus, anyone with a good understanding of networking in genera
> how the simulat ...
>
> **Keywords:** Distributed Simulation, Large-Scale Simulations, Network Simulation

3 Formalising Java RMI with explicit code mobility

Alexander Ahern, Nobuko Yoshida
October 2005 **ACM SIGPLAN Notices , Proceedings of the 20th annual ACM SIGPLAN confeɪ
oriented programming systems languages and applications OOPSLA '05**, Volu

Publisher: ACM Press
Full text available: pdf(293.03 KB)   Additional Information: full citation, abstract, references, index term

> This paper presents a Java-like core language with primitives for object-oriented distribution an
> We apply our formulation to prove the correctness of several optimisations for distributed progr
> captures crucial but often hidden aspects of distributed object-oriented programming, including
> dynamic class downloading and remote method invocation. It is defined in terms of an operatioi
> concisely models the behaviour of ...

> **Keywords:** Java, RMI, code mobility, distribution, optimisation, runtime, types

4 Labels and event processes in the asbestos operating system
Petros Efstathopoulos, Maxwell Krohn, Steve VanDeBogart, Cliff Frey, David Ziegler, Eddie Kohler,
Kaashoek, Robert Morris
October 2005 **ACM SIGOPS Operating Systems Review , Proceedings of the twentieth ACM
Operating systems principles SOSP '05**, Volume 39 Issue 5
Publisher: ACM Press
Full text available: pdf(258.58 KB)   Additional Information: full citation, abstract, references, index term

> Asbestos, a new prototype operating system, provides novel labeling and isolation mechanisms
> effects of exploitable software flaws. Applications can express a wide range of policies with Asbe
> label mechanism, including controls on inter-process communication and system-wide informati
> process abstraction provides lightweight, isolated contexts within a single process, allowing the
> behalf of multiple users while ...

> **Keywords:** event processes, information flow, labels, mandatory access control, secure web se

5 Structuring QoS-supporting services with smart proxies
Rainer Koster, Thorsten Kramp
April 2000   **IFIP/ACM International Conference on Distributed systems platforms**
Publisher: Springer-Verlag New York, Inc.
Full text available: pdf(271.48 KB)   Additional Information: full citation, abstract, references, citings

> While middleware platforms have been established in best-effort environments nowadays, supp
> services is still found lacking. More specifically, due to the high diversity of QoS requirements, t
> for QoS-unaware services cannot be maintained and the developer has to face the difficulties of
> heterogeneous environments again. In this paper, we therefore propose the notion of *smart prc*
> for making t ...

6 Managing the software design documents with XML
Junichi Suzuki, Yoshikazu Yamamoto
September 1998 **Proceedings of the 16th annual international conference on Computer doc**
Publisher: ACM Press
Full text available: pdf(1.09 MB)   Additional Information: full citation, references, index terms

> **Keywords:** CASE data interchange, UML, XML, software model interchange

7 Services: Secure authentication system for public WLAN roaming
Yasuhiko Matsunaga, Ana Sanz Merino, Takashi Suzuki, Randy H. Katz
September 2003 **Proceedings of the 1st ACM international workshop on Wireless mobile ap|
on WLAN hotspots**
Publisher: ACM Press

Full text available: 📄 pdf(248.60 KB)   Additional Information: full citation, abstract, references, citings, inc

A serious impediment for seamless roaming between independent wireless LANs (WLANs) is hov
various WLAN service providers, each having different trust relationships with individuals and ea
authentication schemes which may vary from one provider to the next. We have designed and i
comprehensive single sign-on (SSO) authentication architecture that confederates WLAN servici
trusted identity providers. Users select the app ...

Keywords: authentication, hotspot, link layer security, policy control, roaming, single sign-on,

8   Data access for the masses through OLE DB
José A. Blakeley
June 1996   **ACM SIGMOD Record , Proceedings of the 1996 ACM SIGMOD international c
Management of data SIGMOD '96**, Volume 25 Issue 2
Publisher: ACM Press
Full text available: 📄 pdf(1.24 MB)   Additional Information: full citation, abstract, references, citings, inc

This paper presents an overview of OLE DB, a set of interfaces being developed at Microsoft wh
applications to have uniform access to data stored in DBMS and non-DBMS information containt
able to take advantage of the benefits of database technology without having to transfer data fi
DBMS. Our approach consists of defining an open, extensible Collection of interfaces that factor
orthogonal, reusable portions ...

9   Proxy compilation of dynamically loaded Java classes with MoJo
Matt Newsome, Des Watson
June 2002   **ACM SIGPLAN Notices , Proceedings of the joint conference on Languages, c
embedded systems: software and compilers for embedded systems LCTES/S**
7
Publisher: ACM Press
Full text available: 📄 pdf(358.62 KB)   Additional Information: full citation, abstract, references, index term

Interest in Java implementations for resource-constrained environments such as embedded sys
by concerns regarding its efficiency. Current native compilers for Java offer dramatic increases i
poor support for dynamically-loaded classes, which are typically served by slow interpreters or :
size of this latter utterly mismatching the resource constraints of the system.After a brief surve·
compilers for Java, we prese ...

Keywords: AOT, JIT, adaptive compilation, ahead-of-time, dynamic class loading, hotspot, jusi
compilation, proxy compilation, remote compilation

10 Managing persistent objects in a multi-level store
Michael Stonebraker
April 1991   **ACM SIGMOD Record , Proceedings of the 1991 ACM SIGMOD international c
Management of data SIGMOD '91**, Volume 20 Issue 2
Publisher: ACM Press
Full text available: 📄 pdf(1.10 MB)   Additional Information: full citation, references, citings, index terms

11 Innovative technologies of e-commerce: An exploratory study of using a user remote track·
users' personality traits
Shuk Ying Ho
August 2005   **Proceedings of the 7th international conference on Electronic commerce ICE**
Publisher: ACM Press
Full text available: 📄 pdf(392.38 KB)   Additional Information: full citation, abstract, references, index term

Many online firms are investing money in various means and methods to track online customer analyze their characteristics and their web behaviours. With better understanding of the navigat can provide breakthrough customer service. Currently, there are numerous frameworks ready t their dream to understand their customers. However, these frameworks are limited to server-si firms lose their customers' foo ...

Keywords: data mining, electronic commerce, personality traits, tracker, web mining

12 A framework for collaborative and distributed web-based design
Gangadhar Konduri, Anantha Chandrakasan
June 1999 **Proceedings of the 36th ACM/IEEE conference on Design automation**
Publisher: ACM Press
Full text available: pdf(1.03 MB)   Additional Information: full citation, references, citings, index terms

13 Distributed operating systems
Andrew S. Tanenbaum, Robbert Van Renesse
December 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 4
Publisher: ACM Press
Full text available: pdf(5.49 MB)   Additional Information: full citation, abstract, references, citings, inc

Distributed operating systems have many aspects in common with centralized ones, but they al This paper is intended as an introduction to distributed operating systems, and especially to cur about them. After a discussion of what constitutes a distributed operating system and how it is computer network, various key design issues are discussed. Then several examples of current r examined in some detail ...

14 Π² -- a generic proxy platform for wireless access and mobility in CORBA
Rainer Ruggaber, Jochen Seitz, Michael Knapp
July 2000   **Proceedings of the nineteenth annual ACM symposium on Principles of distri**
Publisher: ACM Press
Full text available: pdf(815.01 KB)   Additional Information: full citation, abstract, references, citings, inc

Distributed applications in a wireless environment often suffer from sudden connection losses. F bandwidth and high error rates may affect data transmission so that traditional Internet protocc unwanted behaviour. However, one of today's most popular middleware architectures, namely t Request Broker Architecture CORBA, is built on top of TCP. Hence, its extension into the wireles has to be carefully designed. This pap ...

15 Client-server computing
Alok Sinha
July 1992 **Communications of the ACM**, Volume 35 Issue 7
Publisher: ACM Press
Full text available: pdf(7.53 MB)   Additional Information: full citation, references, citings, index terms, review

Keywords: client-server computing

16 Ace: a language for parallel programming with customizable protocols
Mukund Raghavachari, Anne Rogers
August 1999 **ACM Transactions on Computer Systems (TOCS)**, Volume 17 Issue 3

Publisher: ACM Press

Full text available: pdf(297.50 KB)   Additional Information: full citation, abstract, references, index term

Customizing the protocols that manage accesses to different data structures within an applicati performance of software shared-memory programs substantially. Existing systems for using cus hard to use directly because the mechanisms they provide for manipulating protocols are low-le in-depth study of the issues involved in providing language support for application-specific prot design and implementat ...

Keywords: parallel processing

17 Rover: a toolkit for mobile information access

A. D. Joseph, A. F. de Lespinasse, J. A. Tauber, D. K. Gifford, M. F. Kaashoek
December 1995 **ACM SIGOPS Operating Systems Review , Proceedings of the fifteenth ACM Operating systems principles SOSP '95**, Volume 29 Issue 5
Publisher: ACM Press

Full text available: pdf(2.18 MB)   Additional Information: full citation, references, citings, index terms

18 Systems Issues: Rajicon: remote PC GUI operations via constricted mobile interfaces

Norman Makoto Su, Yutaka Sakane, Masahiko Tsukamoto, Shojiro Nishio
September 2002 **Proceedings of the 8th annual international conference on Mobile computi**
Publisher: ACM Press

Full text available: pdf(1.18 MB)   Additional Information: full citation, abstract, references, index term

As of now, it is not uncommon for one to use multiple computers in separate places such as at I number of applications currently exist to allow a user to easily access and control these comput notebook computer or web page. Unfortunately, even with such solutions, it is rather inconveni accessing your computer while walking downtown or riding a train. On the other hand, consider have been accepted as multi- ...

Keywords: GUI, cellular phone, mobile device, remote access

19 Remote evaluation

James W. Stamos, David K. Gifford
October 1990 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volum
Publisher: ACM Press

Full text available: pdf(2.52 MB)   Additional Information: full citation, abstract, references, citings, inc

A new technique for computer-to-computer communication is presented that can increase the p systems. This technique, called remote evaluation, lets one computer send another computer a program. A computer that receives such a request executes the program in the request and ret sending computer. Remote evaluation provides a new degree of flexibility in the design of distri distributed systems th ...

20 Design of the Mneme persistent object store

J. Eliot B. Moss
April 1990   **ACM Transactions on Information Systems (TOIS)**, Volume 8 Issue 2
Publisher: ACM Press

Full text available: pdf(3.22 MB)   Additional Information: full citation, abstract, references, citings, inc

The Mneme project is an investigation of techniques for integrating programming language and provide better support for cooperative, information-intensive tasks such as computer-aided soft